

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claim 1 as follows:

LISTING OF CLAIMS:

1. (Currently Amended) A flying type thin-film magnetic head comprising:
a write head element with a coil conductor and a yoke, a write current flowing through said coil conductor;
an overcoat layer laminated on said write head element; and
a heat-block layer formed in said overcoat layer and made of a material with a heat conductivity that is lower than a heat conductivity of said overcoat layer, said heat-block layer being formed between said write head element and a trailing edge of said thin-film magnetic head to reduce the protrusion of the trailing edge.
2. (Original) The thin-film magnetic head as claimed in claim 1, wherein said heat-block layer is formed to cover a region with an area larger than that of a region on which said coil conductor is formed.
3. (Original) The thin-film magnetic head as claimed in claim 1, wherein said heat-block layer is formed to cover over said coil conductor.
4. (Original) The thin-film magnetic head as claimed in claim 1, wherein said heat-block layer is formed in parallel with a plane on which said coil conductor is formed.

5. (Original) The thin-film magnetic head as claimed in claim 1, wherein a distance between said heat-block layer and an air bearing surface is less than 15 μm .

6. (Original) The thin-film magnetic head as claimed in claim 1, wherein a distance between said heat-block layer and an air bearing surface is less than 7.5 μm .

7. (Original) The thin-film magnetic head as claimed in claim 1, wherein said thin-film magnetic head further comprises a heater coil conductor formed below said heat-block layer for generating heat when said head is in operation.

8. (Original) The thin-film magnetic head as claimed in claim 1, wherein said heat-block layer is made of a resist material.

9. (Original) The thin-film magnetic head as claimed in claim 1, wherein said thin-film magnetic head further comprises a read head element.